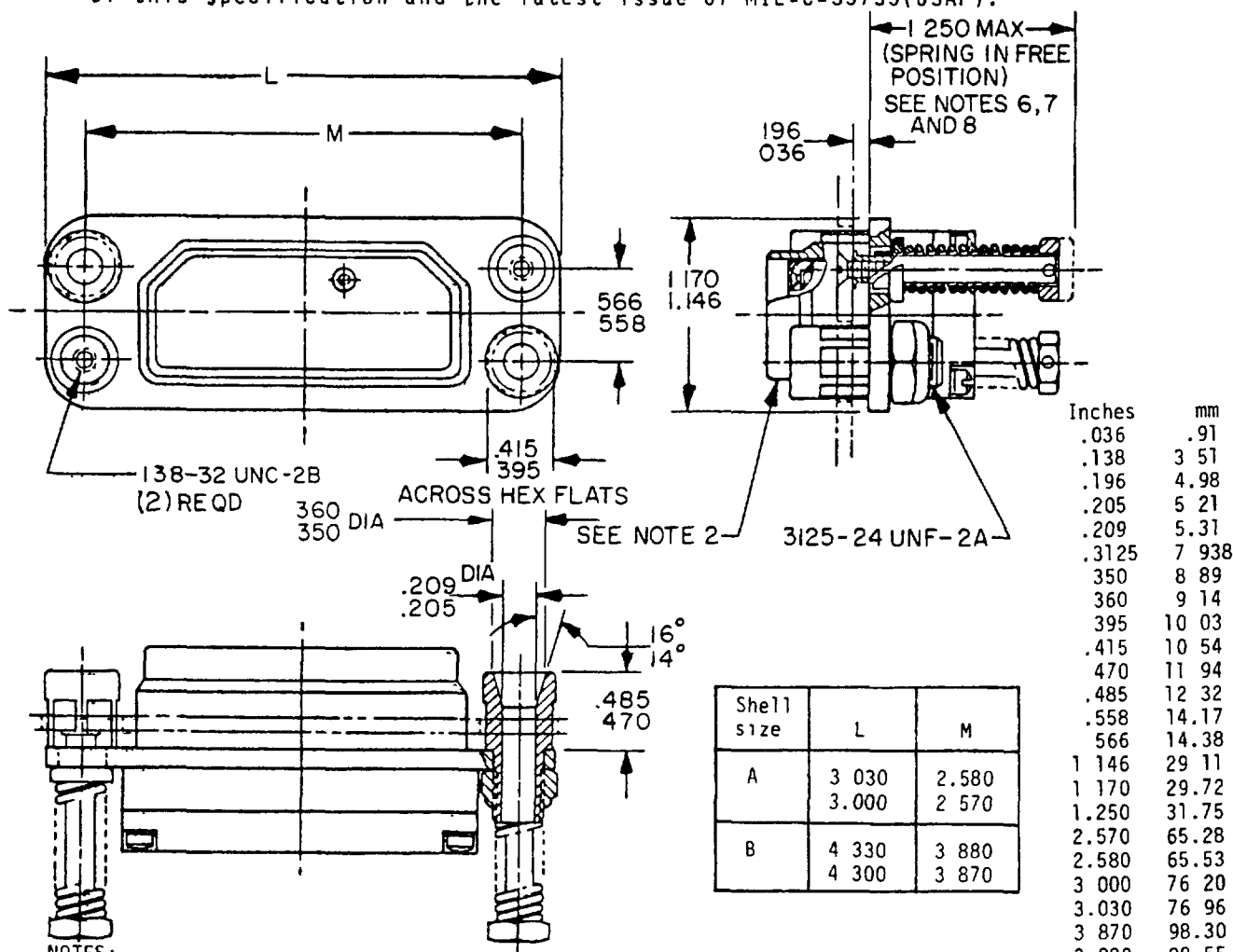


MILITARY SPECIFICATION SHEET

CONNECTOR, ELECTRICAL, PLUG, SOCKET CONTACT, MINIATURE, RECTANGULAR TYPE,
RACK TO PANEL, WITH GUIDE SOCKETS AND SPRING MOUNTING,
ENVIRONMENT RESISTING, 200°C

This specification sheet is approved for use within the Air Force Acquisition Logistics Division, Electronic Support Division (AFALD/PTES), Gentile AFS, Dayton, Ohio 45444, Department of the Air Force, and is available for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the connector described herein shall consist of this specification and the latest issue of MIL-C-83733(USAF).



NOTES

- Dimensions are in inches
- See MIL-C-83733 for interface and backend configuration requirements
- This plug mates with MIL-C-83733/8 receptacle.
- For contacts see MIL-C-83733 and MIL-C-39029/5, MIL-C-39029/51 or MIL-C-39029/57
- For insert arrangements see MIL-STD-1531(USAF) and MIL-STD-1532(USAF)
- For spring mounting see MIL-C-83733/17(USAF)
- Springs are pre-loaded to 25 pounds each in free position
- Spring forces will be 59 pounds minimum at .500 panel spacing, and 88 pounds maximum at .390 panel spacing
- This configuration must not be used with the 185 contact layout
- Metric equivalents are given for general information only and are based upon 1.00 inch = 25.4 mm

FIGURE 1 Dimensions and configuration.

① denotes changes

AMSC N/A

1 of 2

FSC 5935

DISTRIBUTION STATEMENT A. Approved for public release, distribution is unlimited.

Custodian:
Air Force - 85

Review activities.
Air Force - 11, 99
DLA - ES

Preparing activity:
Air Force - 85

Agent:
DLA - ES

(Project 5935-F271-2)